

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006475.D
 Acq On : 26 Oct 2021 12:52
 Operator : SY/MD
 Sample : VY1026SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1026SBS01

Quant Time: Oct 27 05:17:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	136226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88769	52.954	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.900%			
35) Dibromofluoromethane	7.722	113	59703	50.460	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.920%			
50) Toluene-d8	10.179	98	255289	50.898	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.800%			
62) 4-Bromofluorobenzene	12.483	95	84660	50.107	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24208	19.224	ug/l	97
3) Chloromethane	2.119	50	33491	19.704	ug/l	99
4) Vinyl Chloride	2.259	62	37516	19.763	ug/l	97
5) Bromomethane	2.637	94	25264	19.977	ug/l	95
6) Chloroethane	2.796	64	20601	18.378	ug/l	98
7) Trichlorofluoromethane	3.125	101	46070	19.113	ug/l	97
8) Diethyl Ether	3.534	74	15766	19.972	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	22864	18.632	ug/l	99
10) Methyl Iodide	4.101	142	19647	18.220	ug/l	98
11) Tert butyl alcohol	4.960	59	19125	125.582	ug/l	99
12) 1,1-Dichloroethene	3.881	96	23070	18.758	ug/l	96
13) Acrolein	3.735	56	12504	118.767	ug/l	95
14) Allyl chloride	4.485	41	48955	19.340	ug/l	97
15) Acrylonitrile	5.167	53	49453	111.246	ug/l	100
16) Acetone	3.948	43	52108	107.951	ug/l	96
17) Carbon Disulfide	4.198	76	70500	17.477	ug/l	100
18) Methyl Acetate	4.485	43	35720	22.821	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	80870	20.510	ug/l	95
20) Methylene Chloride	4.722	84	31798	18.699	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	25696	18.424	ug/l	97
22) Diisopropyl ether	6.125	45	101309	20.081	ug/l	99
23) Vinyl Acetate	6.070	43	317129	103.353	ug/l	99
24) 1,1-Dichloroethane	6.027	63	50686	19.214	ug/l	97
25) 2-Butanone	6.990	43	73854	116.787	ug/l	98
26) 2,2-Dichloropropane	6.990	77	47446	18.910	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	30319	19.042	ug/l	98
28) Bromochloromethane	7.338	49	23458	21.917	ug/l	96
29) Tetrahydrofuran	7.350	42	45251	116.634	ug/l	98
30) Chloroform	7.508	83	52222	19.169	ug/l	99
31) Cyclohexane	7.789	56	49922	18.395	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	47159	18.748	ug/l	99
36) 1,1-Dichloropropene	7.923	75	38554	18.381	ug/l	99
37) Ethyl Acetate	7.082	43	29144	21.955	ug/l	98
38) Carbon Tetrachloride	7.905	117	42257	18.263	ug/l	96
39) Methylcyclohexane	9.185	83	47398	18.563	ug/l	98
40) Benzene	8.167	78	111316	18.608	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	18882m	25.068	ug/l	
42) 1,2-Dichloroethane	8.240	62	41334	19.348	ug/l	98
43) Isopropyl Acetate	8.277	43	55347	21.493	ug/l	100
44) Trichloroethene	8.941	130	30507	19.773	ug/l	94
45) 1,2-Dichloropropane	9.222	63	28574	19.284	ug/l	100
46) Dibromomethane	9.307	93	16022	19.698	ug/l	99
47) Bromodichloromethane	9.496	83	40580	19.178	ug/l	100
48) Methyl methacrylate	9.295	41	25935	21.730	ug/l	97
49) 1,4-Dioxane	9.295	88	4996	452.431	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	152775	113.175	ug/l	100
52) Toluene	10.246	92	70085	18.672	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	44649	19.588	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	47328	19.164	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	22320	19.847	ug/l	97
56) Ethyl methacrylate	10.514	69	35395	20.372	ug/l	98
57) 1,3-Dichloropropane	10.794	76	41134	20.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	87492	110.389	ug/l	99
59) 2-Hexanone	10.837	43	112245	114.889	ug/l	100
60) Dibromochloromethane	10.983	129	27098	19.534	ug/l	100
61) 1,2-Dibromoethane	11.087	107	21119	19.946	ug/l	99
64) Tetrachloroethene	10.721	164	34606	19.943	ug/l	98
65) Chlorobenzene	11.520	112	72461	18.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	27165	18.684	ug/l	98
67) Ethyl Benzene	11.593	91	137485	18.695	ug/l	100
68) m/p-Xylenes	11.703	106	103508	37.413	ug/l	98
69) o-Xylene	12.032	106	49965	18.927	ug/l	96
70) Styrene	12.044	104	84634	18.751	ug/l	99
71) Bromoform	12.209	173	18577	20.213	ug/l #	100
73) Isopropylbenzene	12.331	105	132076	18.577	ug/l	99
74) N-amyl acetate	12.148	43	49385	20.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	24809	20.157	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	24829m	23.707	ug/l	
77) Bromobenzene	12.611	156	31510	18.812	ug/l	99
78) n-propylbenzene	12.672	91	162683	18.516	ug/l	99
79) 2-Chlorotoluene	12.757	91	90777	18.663	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	112800	18.948	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10366	20.320	ug/l	98
82) 4-Chlorotoluene	12.855	91	94345	18.615	ug/l	99
83) tert-Butylbenzene	13.075	119	98650	19.284	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	110856	18.624	ug/l	100
85) sec-Butylbenzene	13.257	105	145204	18.904	ug/l	100
86) p-Isopropyltoluene	13.373	119	123438	18.837	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	62967	18.731	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	63578	19.235	ug/l	98
89) n-Butylbenzene	13.696	91	118061	19.152	ug/l	99
90) Hexachloroethane	13.965	117	23057	19.482	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	57625	19.543	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5613	21.481	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	36945	18.980	ug/l	100
94) Hexachlorobutadiene	15.117	225	23601	18.918	ug/l	100
95) Naphthalene	15.239	128	76172	19.992	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	33118	19.428	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

